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**ELECTROPHOTOGRAPHIC SENSITIVE BODY**

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**JAPIO Class:** 29.4 (PRECISION INSTRUMENTS -- Business Machines)

**JAPIO Keyword:** R002 (LASERS); R043 (CHEMISTRY -- Photoconductive Plastics); R096 (ELECTRONIC MATERIALS -- Glass Conductors); R124 (CHEMISTRY -- Epoxy Resins); R125 (CHEMISTRY -- Polycarbonate Resins)

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**ABSTRACT**

**PURPOSE:** To improve sensitivity to visible light, electric charge holding power, surface strength, etc., by providing a layer containing a specific carbazole compound to the titled body.

**CONSTITUTION:** The carbazole compound expressed by the formula is used for the electric charge transfer material of the electrophotographic sensitive body, the photosensitive layer of which is separated in function to an electric charge generating layer and an electric charge transfer layer. A solution prepared by dissolving the compound and binder in a suitable solvent is coated on said body and dried. The binder is exemplified by a polyacrylate, polysulfone, etc., and the content of the carbazole compound is incorporated in the binder preferably at 10-500pts.wt. per 100pts.wt. binder in the compounding ratio of the binder and the carbazole compound. The photosensitive body which has the high sensitivity and high durability and is applicable to a wide range of fields where electrophotographs are utilized.